



PCT

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/506,756

DATE: 09/20/2004
TIME: 13:21:52

Input Set : A:\PCTGB2003001049.seqlist.txt
Output Set: N:\CRF4\09172004\J506756.raw

3 <110> APPLICANT: Sense Proteomic Limited
4 Blackburn, Jonathan M
5 Kozlowski, Roland Z
6 Davies, Andrew
7 Godber, Ben
8 Hart, Darren
10 <120> TITLE OF INVENTION: Arrays and Methods
12 <130> FILE REFERENCE: P33676WO
C--> 14 <140> CURRENT APPLICATION NUMBER: US/10/506,756
C--> 15 <141> CURRENT FILING DATE: 2004-09-08
17 <150> PRIOR APPLICATION NUMBER: GB 0205910.3
18 <151> PRIOR FILING DATE: 2002-03-13
20 <160> NUMBER OF SEQ ID NOS: 6
22 <170> SOFTWARE: PatentIn version 3.2
24 <210> SEQ ID NO: 1
25 <211> LENGTH: 334
26 <212> TYPE: PRT
27 <213> ORGANISM: Homo sapiens
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35 Ser Cys Leu Gly Leu Gly Thr Trp Val Thr Phe Gly Gly Gln Ile Ser
36 20 25 30
39 Asp Glu Val Ala Glu Arg Leu Met Thr Ile Ala Tyr Glu Ser Gly Val
40 35 40 45
43 Asn Leu Phe Asp Thr Ala Glu Val Tyr Ala Ala Gly Lys Ala Glu Val
44 50 55 60
47 Ile Leu Gly Ser Ile Ile Lys Lys Gly Trp Arg Arg Ser Ser Leu
48 65 70 75 80
51 Val Ile Thr Thr Lys Leu Tyr Trp Gly Gly Lys Ala Glu Thr Glu Arg
52 85 90 95
55 Gly Leu Ser Arg Lys His Ile Ile Glu Gly Leu Lys Gly Ser Leu Gln
56 100 105 110
59 Arg Leu Gln Leu Glu Tyr Val Asp Val Val Phe Ala Asn Arg Pro Asp
60 115 120 125
63 Ser Asn Thr Pro Met Glu Glu Ile Val Arg Ala Met Thr His Val Ile
64 130 135 140
67 Asn Gln Gly Met Ala Met Tyr Trp Gly Thr Ser Arg Trp Ser Ala Met
68 145 150 155 160
71 Glu Ile Met Glu Ala Tyr Ser Val Ala Arg Gln Phe Asn Met Ile Pro
72 165 170 175
75 Pro Val Cys Glu Gln Ala Glu Tyr His Leu Phe Gln Arg Glu Lys Val
76 180 185 190

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79 Glu Val Gln Leu Pro Glu Leu Tyr His Lys Ile Gly Val Gly Ala Met
80 195 200 205
83 Thr Trp Ser Pro Leu Ala Cys Gly Ile Ile Ser Gly Lys Tyr Gly Asn
84 210 215 220
87 Gly Val Pro Glu Ser Ser Arg Ala Ser Leu Lys Cys Tyr Gln Trp Leu
88 225 230 235 240
91 Lys Glu Arg Ile Val Ser Glu Glu Gly Arg Lys Gln Gln Asn Lys Leu
92 245 250 255
95 Lys Asp Leu Ser Pro Ile Ala Glu Arg Leu Gly Cys Thr Leu Pro Gln
96 260 265 270
99 Leu Ala Val Ala Trp Cys Leu Arg Asn Glu Gly Val Ser Ser Val Leu
100 275 280 285
103 Leu Gly Ser Ser Thr Pro Glu Gln Leu Ile Glu Asn Leu Gly Ala Ile
104 290 295 300
107 Gln Val Leu Pro Lys Met Thr Ser His Val Val Asn Glu Ile Asp Asn
108 305 310 315 320
111 Ile Leu Arg Asn Lys Pro Tyr Ser Lys Lys Asp Tyr Arg Ser
112 325 330
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116 <211> LENGTH: 333
117 <212> TYPE: PRT
118 <213> ORGANISM: Homo sapiens
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126 Cys Leu Gly Leu Gly Thr Trp Val Thr Phe Gly Gly Gln Ile Thr Asp
127 20 25 30
130 Glu Met Ala Glu Gln Leu Met Thr Leu Ala Tyr Asp Asn Gly Ile Asn
131 35 40 45
134 Leu Phe Asp Thr Ala Glu Val Tyr Ala Ala Gly Lys Ala Glu Val Val
135 50 55 60
138 Leu Gly Asn Ile Ile Lys Lys Gly Trp Arg Arg Ser Ser Leu Val
139 65 70 75 80
142 Ile Thr Thr Lys Ile Phe Trp Gly Gly Lys Ala Glu Thr Glu Arg Gly
143 85 90 95
146 Leu Ser Arg Lys His Ile Ile Glu Gly Leu Lys Ala Ser Leu Glu Arg
147 100 105 110
150 Leu Gln Leu Glu Tyr Val Asp Val Val Phe Ala Asn Arg Pro Asp Pro
151 115 120 125
154 Asn Thr Pro Met Glu Glu Thr Val Arg Ala Met Thr His Val Ile Asn
155 130 135 140
158 Gln Gly Met Ala Met Tyr Trp Gly Thr Ser Arg Trp Ser Ser Met Glu
159 145 150 155 160
162 Ile Met Glu Ala Tyr Ser Val Ala Arg Gln Phe Asn Leu Thr Pro Pro
163 165 170 175
166 Ile Cys Glu Gln Ala Glu Tyr His Met Phe Gln Arg Glu Lys Val Glu
167 180 185 190
170 Val Gln Leu Pro Glu Leu Phe His Lys Ile Gly Val Gly Ala Met Thr
171 195 200 205

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174 Trp Ser Pro Leu Ala Cys Gly Ile Val Ser Gly Lys Tyr Asp Ser Gly
175 210 215 220
178 Ile Pro Pro Tyr Ser Arg Ala Ser Leu Lys Gly Tyr Gln Trp Leu Lys
179 225 230 235 240
182 Asp Lys Ile Leu Ser Glu Glu Gly Arg Arg Gln Gln Ala Lys Leu Lys
183 245 250 255
186 Glu Leu Gln Ala Ile Ala Glu Arg Leu Gly Cys Thr Leu Pro Gln Leu
187 260 265 270
190 Ala Ile Ala Trp Cys Leu Arg Asn Glu Gly Val Ser Ser Val Leu Leu
191 275 280 285
194 Gly Ala Ser Asn Ala Asp Gln Leu Met Glu Asn Ile Gly Ala Ile Gln
195 290 295 300
198 Val Leu Pro Lys Leu Ser Ser Ser Ile Ile His Glu Ile Asp Ser Ile
199 305 310 315 320
202 Leu Gly Asn Lys Pro Tyr Ser Lys Lys Asp Tyr Arg Ser
203 325 330
206 <210> SEQ ID NO: 3
207 <211> LENGTH: 330
208 <212> TYPE: PRT
209 <213> ORGANISM: Homo sapiens
211 <400> SEQUENCE: 3
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214 1 5 10 15
217 Ser Cys Leu Gly Leu Gly Thr Trp Val Thr Phe Gly Ser Gln Ile Ser
218 20 25 30
221 Asp Glu Thr Ala Glu Asp Val Leu Thr Val Ala Tyr Glu His Gly Val
222 35 40 45
225 Asn Leu Phe Asp Thr Ala Glu Val Tyr Ala Ala Gly Lys Ala Glu Arg
226 50 55 60
229 Thr Leu Gly Asn Ile Leu Lys Ser Lys Gly Trp Arg Arg Ser Ser Tyr
230 65 70 75 80
233 Val Ile Thr Thr Lys Ile Phe Trp Gly Gly Gln Ala Glu Thr Glu Arg
234 85 90 95
237 Gly Leu Ser Arg Lys His Ile Ile Glu Gly Leu Arg Gly Ser Leu Glu
238 100 105 110
241 Arg Leu Gln Leu Gly Tyr Val Asp Ile Val Phe Ala Asn Arg Ser Asp
242 115 120 125
245 Pro Asn Cys Pro Met Glu Glu Ile Val Arg Ala Met Thr Tyr Val Ile
246 130 135 140
249 Asn Gln Gly Leu Ala Leu Tyr Trp Gly Thr Ser Arg Trp Gly Ala Ala
250 145 150 155 160
253 Glu Ile Met Glu Ala Tyr Ser Met Ala Arg Gln Phe Asn Leu Ile Pro
254 165 170 175
257 Pro Val Cys Glu Gln Ala Glu His His Leu Phe Gln Arg Glu Lys Val
258 180 185 190
261 Glu Met Gln Leu Pro Glu Leu Tyr His Lys Ile Gly Val Gly Ser Val
262 195 200 205
265 Thr Trp Tyr Pro Leu Ala Cys Gly Leu Ile Thr Ser Lys Tyr Asp Gly
266 210 215 220

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269 Arg Val Pro Asp Thr Cys Arg Ala Ser Ile Lys Gly Tyr Gln Trp Leu
270 225 230 235 240
273 Lys Asp Lys Val Gln Ser Glu Asp Gly Lys Lys Gln Gln Ala Lys Val
274 245 250 255
277 Met Asp Leu Leu Pro Val Ala His Gln Leu Gly Cys Thr Val Ala Gln
278 260 265 270
281 Leu Ala Ile Ala Trp Cys Leu Arg Ser Glu Gly Val Ser Ser Val Leu
282 275 280 285
285 Leu Gly Val Ser Ser Ala Glu Gln Leu Ile Glu His Leu Gly Ala Leu
286 290 295 300
289 Gln Val Leu Ser Gln Leu Thr Pro Gln Thr Val Met Glu Ile Asp Gly
290 305 310 315 320
293 Leu Leu Gly Asn Lys Pro His Ser Lys Lys
294 325 330
297 <210> SEQ ID NO: 4
298 <211> LENGTH: 334
299 <212> TYPE: PRT
300 <213> ORGANISM: Rattus sp.
302 <400> SEQUENCE: 4
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305 1 5 10 15
308 Ser Cys Leu Gly Leu Gly Thr Trp Val Thr Phe Gly Gly Gln Ile Ser
309 20 25 30
312 Asp Glu Val Ala Glu Arg Leu Met Thr Ile Ala Tyr Glu Ser Gly Val
313 35 40 45
316 Asn Leu Phe Asp Thr Ala Glu Val Tyr Ala Ala Gly Lys Ala Glu Val
317 50 55 60
320 Ile Leu Gly Ser Ile Ile Lys Lys Gly Trp Arg Arg Ser Ser Leu
321 65 70 75 80
324 Val Ile Thr Thr Lys Leu Tyr Trp Gly Gly Lys Ala Glu Thr Glu Arg
325 85 90 95
328 Gly Leu Ser Arg Lys His Ile Ile Glu Gly Leu Lys Gly Ser Leu Gln
329 100 105 110
332 Arg Leu Gln Leu Glu Tyr Val Asp Val Val Phe Ala Asn Arg Pro Asp
333 115 120 125
336 Ser Asn Thr Pro Met Glu Glu Ile Val Arg Ala Met Thr His Val Ile
337 130 135 140
340 Asn Gln Gly Met Ala Met Tyr Trp Gly Thr Ser Arg Trp Ser Ala Met
341 145 150 155 160
344 Glu Ile Met Glu Ala Tyr Ser Val Ala Arg Gln Phe Asn Met Ile Pro
345 165 170 175
348 Pro Val Cys Glu Gln Ala Glu Tyr His Leu Phe Gln Arg Glu Lys Val
349 180 185 190
352 Glu Val Gln Leu Pro Glu Leu Tyr His Lys Ile Gly Val Gly Ala Met
353 195 200 205
356 Thr Trp Ser Pro Leu Ala Cys Gly Ile Ile Ser Gly Lys Tyr Gly Asn
357 210 215 220
360 Gly Val Pro Glu Ser Ser Arg Ala Ser Leu Lys Cys Tyr Gln Trp Leu
361 225 230 235 240

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364 Lys Glu Arg Ile Val Ser Glu Glu Gly Arg Lys Gln Gln Asn Lys Leu
365 245 250 255
368 Lys Asp Leu Ser Pro Ile Ala Glu Arg Leu Gly Cys Thr Leu Pro Gln
369 260 265 270
372 Leu Ala Val Ala Trp Cys Leu Arg Asn Glu Gly Val Ser Ser Val Leu
373 275 280 285
376 Leu Gly Ser Ser Thr Pro Glu Gln Leu Ile Glu Asn Leu Gly Ala Ile
377 290 295 300
380 Gln Val Leu Pro Lys Met Thr Ser His Val Val Asn Glu Ile Asp Asn
381 305 310 315 320
384 Ile Leu Arg Asn Lys Pro Tyr Ser Lys Lys Asp Tyr Arg Ser
385 325 330
388 <210> SEQ ID NO: 5
389 <211> LENGTH: 333
390 <212> TYPE: PRT
391 <213> ORGANISM: Rattus sp.
393 <400> SEQUENCE: 5
395 Gly Leu Gln Phe Tyr Arg Asn Leu Gly Lys Ser Gly Leu Arg Val Ser
396 1 5 10 15
399 Cys Leu Gly Leu Gly Thr Trp Val Thr Phe Gly Gly Gln Ile Thr Asp
400 20 25 30
403 Glu Met Ala Glu His Leu Met Thr Leu Ala Tyr Asp Asn Gly Ile Asn
404 35 40 45
407 Leu Phe Asp Thr Ala Glu Val Tyr Ala Ala Gly Lys Ala Glu Val Val
408 50 55 60
411 Leu Gly Asn Ile Ile Lys Lys Gly Trp Arg Arg Ser Ser Leu Val
412 65 70 75 80
415 Ile Thr Thr Lys Ile Phe Trp Gly Gly Lys Ala Glu Thr Glu Arg Gly
416 85 90 95
419 Leu Ser Arg Lys His Ile Ile Glu Gly Leu Lys Ala Ser Leu Glu Arg
420 100 105 110
423 Leu Gln Leu Glu Tyr Val Asp Val Val Phe Ala Asn Arg Pro Asp Pro
424 115 120 125
427 Asn Thr Pro Met Glu Glu Thr Val Arg Ala Met Thr His Val Ile Asn
428 130 135 140
431 Gln Gly Met Ala Met Tyr Trp Gly Thr Ser Arg Trp Ser Ser Met Glu
432 145 150 155 160
435 Ile Met Glu Ala Tyr Ser Val Ala Arg Gln Phe Asn Leu Ile Pro Pro
436 165 170 175
439 Ile Cys Glu Gln Ala Glu Tyr His Met Phe Gln Arg Glu Lys Val Glu
440 180 185 190
443 Val Gln Leu Pro Glu Leu Phe His Lys Ile Gly Val Gly Ala Met Thr
444 195 200 205
447 Trp Ser Pro Leu Ala Cys Gly Ile Val Ser Gly Lys Tyr Asp Ser Gly
448 210 215 220
451 Ile Pro Pro Tyr Ser Arg Ala Ser Leu Lys Gly Tyr Gln Trp Leu Lys
452 225 230 235 240
455 Asp Lys Ile Leu Ser Glu Glu Gly Arg Arg Gln Gln Ala Lys Leu Lys
456 245 250 255

VERIFICATION SUMMARY

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L:14 M:270 C: Current Application Number differs, Replaced Current Application Number

L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date